

also value the use of scientific vocabulary and model this with our children, encouraging them to use it to explain their scientific thinking.

Outdoor learning: Visits, journeys and experiences



Annual trips to Living Land Event at Kent Showground

At Chislet Primary School we want all of our children to develop a love of learning through relevant, rich and engaging experiences. We believe in developing a child's independence and fostering their desire to learn throughout life. We aim to achieve this by providing a lively, broad and balanced education, stimulated by first hand experiences with a wide range of learning activities. We understand that learning takes place in a variety of situations and settings and encourage our children to be creative, enterprising and able to solve problems. We would like them to communicate well and be open to new ideas. As a result, trips and outdoor experiences play an important role in developing our children as independent learners.



Museum trips offer additional visual encounters for children to experience the concept being studied.



Upper KS2 Science activities at Pfizers

Our approach to Science at Chislet

At Chislet Primary School we believe that Science is an exciting and fascinating subject which helps the children to understand the world around them. During Science activities, they build up an understanding of the world around them and how it works by physically trying out their ideas. In key stages 1 and 2 children receive approximately one and a half hours of science teaching a week, covering different units drawn from the National Curriculum over the course of each year. During their education at Chislet Primary School the children revisit different units to consolidate and develop their scientific knowledge and skill to greater levels.

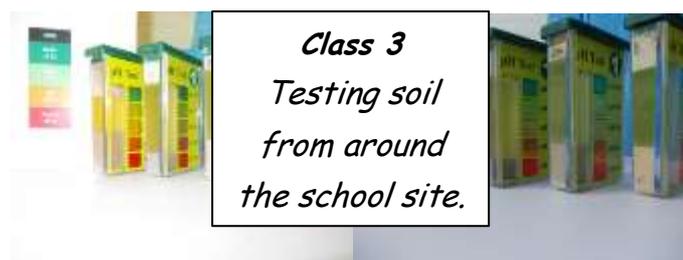
We recognise that there are children of widely different scientific abilities in all classes and so at Chislet Primary School we ensure that we provide suitable learning opportunities for all children by matching the challenge of the task to the ability of the child.

In teaching science at Chislet Primary School we aim to:

- build on our children's natural curiosity through first hand and practical experiences where possible
- plan and carry out scientific investigations, using equipment, including computers, correctly
- teach the children scientific knowledge which is relevant to and meaningful to them
- teach the children scientific skills through both science sessions and an integrated curriculum
- ask and answer scientific questions
- know and understand the life processes of living things
- know and understand the physical processes of materials, electricity, light, sound and natural forces
- know about the nature of the solar system, including the earth
- evaluate evidence and present their conclusions clearly and accurately.



Class 2 making bread





Class 3 performing The Magic Egg Trick!

Class 4 examine the durability of different materials through testing a variety of specifically designed dwellings!



Classification Activity - Class 4 show different ways of sorting leaves.



Goo, Goo and more Goo! Changing Materials. 'Solid, Liquid or Gas?'



'3, 2, 1 Blast Off!' Popping Rockets (Yrs3 and 4)



Chemical Reactions - Erupting Volcanoes (Class 3)



KS2 Science: Empiribox is a unit of lessons which offers activities to KS2 pupils. They give opportunities to introduce the 'wow' factor at the beginning of each lesson to fascinate and engage all learners. Empiribox comprises specific, topic-based sets of concepts that not only covers the new National Primary Curriculum but significantly enriches it as it takes them beyond National Curriculum expectations. The system helps ensure all pupils move on to secondary school with a solid skills-set and grounding in practical science, while also improving their numeracy and literacy.

Useful websites for Science learning:

<http://www.primaryhomeworkhelp.co.uk/>

[BBC revision site fun games, quizzes and information](#)

<http://www.bbc.co.uk/schools/ks2bitesize/science/>

<http://www.sciencemonster.com/>

<http://resources.woodlands-junior.kent.sch.uk/revision/science>

www.educationquizzes.com

http://www.sciencemuseum.org.uk/online_science/games

Here are some websites that offer some fun experiments to try:

<http://www.brainboxx.co.uk>

<http://www.sciencekids.co.nz/experiments.html>

<http://scifun.chem.wisc.edu/homeexpts/homeexpts.html>

<http://kids.nationalgeographic.com/kids/activities/funscience/>

<http://pbskids.org/zoom/activities/sci/>